

ABSTRACT OF THE DISCLOSURE

A verification system and method for packet call processing of a mobile telephone. Each IP address is assigned to a terminal, a packet service simulator and the mobile telephone. The packet service simulator simulates a control signal of UTRAN necessary for the mobile telephone and connects data traffic to an Internet after a packet call establishment. The packet service simulator transmits an IP packet generated from the terminal to its Ethernet address, receives a packet for the terminal and transmits it to the mobile telephone. For this, the packet service simulator responds to the terminal's ARP request. The terminal is linked to the mobile telephone via a PPP, and the mobile telephone and the packet service simulator to an external Internet via an Ethernet